

Start here

Unit 9, Inheritance and Polymorphism. Computer Programming I, Digital Technology cluster.

What you were sent

71 documents. Every one is complete on its own and opens in Word.

Folder	Files	What it is
Teacher	38	A plan per lesson, a substitute one pager per lesson, the unit overview, the course scope and sequence
Student	31	One file per handout
Index	1	Every file, copies needed, paper stock

How the names work

CP1_U09_L03a_HANDOUT_Error-Message-Lab.docx

Course, unit, lesson, what it is, what it is called. Alphabetical order is teaching order. The same code prints in every footer.

Files ending _SUPPORT carry more structure. Files ending _STRETCH ask for more judgment. Available for: Hierarchy Earned Itself, Is a or Has a, List Holds the Family.

Files with SUB- in the name are one page substitute plans.

Before day one

Read the teacher preparation notes in the unit overview.

What to copy, and when

Handout	Use with	Pages	Copies
Computer Programming I	Keep all year	24	1 per student, keep all year

Handout	Use with	Pages	Copies
Unit 9 Student Guide	Keep all year	14	1 per student, keep all year
Inheritance Keyword Card	Keep all year	5	1 per pair, laminate
Sentence Frames for Defending a Design	Keep all year	3	1 per pair, laminate
The Same Code in Two Classes	Lesson 1	6	1 per student
What a Child Gets for Free	Lesson 2	6	1 per student
super, protected, and Reach	Lesson 3	6	1 per student
Overriding a Method	Lesson 4	6	1 per student
toString and equals in a Family	Lesson 5	6	1 per student
Add to the Parent, Do Not Erase It	Lesson 6	6	1 per student
Unit 9 Mid-Unit Checkpoint	Lesson 7	6	1 per student, print same day
One Variable, Many Types	Lesson 8	6	1 per student
A List That Holds the Family	Lesson 9	6	1 per student
A Parent Nobody Should Build	Lesson 10	4	1 per student
Abstract Methods Force an Answer	Lesson 11	6	1 per student
Interfaces: A Promise Without Parts	Lesson 12	6	1 per student
Making Your Objects Sortable	Lesson 13	6	1 per student
Abstract Class or Interface	Lesson 14	6	1 per student

Handout	Use with	Pages	Copies
Which Tool Card	Lesson 14	3	1 per pair, laminate
Is-a or Has-a	Lesson 15	10	1 per student
Hierarchies in Software That Ships	Lesson 16	4	1 per student
The Hierarchy That Earned Itself	Lesson 17	12	1 per student, staple
Design Defense Planner	Lesson 17	6	1 per student
The Hierarchy That Earned Itself Rubric	Lesson 17	6	1 per pair, laminate
Unit 9 Self-Assessment and Reflection	Lesson 18	10	1 per student

Fonts

IBM Plex Sans and IBM Plex Mono, both embedded. Code is set in the monospace face everywhere it appears.

Edition

Edition 2026.1. Aligned to the Maryland CTE course standards adopted by the State Board in September 2025.